

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)  
EN999025

Application Number  
09/481,903

Applicant(s)  
Benson Chan et al.

Filing Date  
1/12/00

Group Art Unit  
2874

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
jk	1.	5,420,954	5/30/95	Swirhun et al	385	92	
jk	2.	5,818,994	10/6/98	Hehmann	385	89	
jk	3.	5,832,150	11/3/98	Flint	385	31	
jk	4.	5,631,988	5/20/97	Swirhun et al	385	89	
jk	5.	5,121,457	6/9/92	Foley et al	385	89	
jk	6.	5,454,814	<del>11/12/95</del> 10/3/95	Noddings et al Comte	606	15	
jk	7.	5,781,682	<del>7/14/98</del> 7/14/98	Cohen et al Comte	385	89	
jk	8.	5,774,614	6/30/98	Gilliland et al	385	88	
jk	9.	5,432,630	7/11/95	Lebby et al	359	152	

U.S. PTO  
09/481903  
01/12/00

## FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

jk	1. M.S. Cohen et al., "Packaging Aspects of the Jitney Parallel Optical Interconnect," 1998 ECTC, pp. 1206-1215.
	2. J. Crow et al., "The Jitney Parallel Optical Interconnect," 1996 ECTC, pp. 292-300.
	3. Optobus (Motorola), L.J. Norton et al., "Optobus I: A Production Parallel Fiber Optical Interconnect," 1997 ECTC, pp. 204-209.
jk	4. The PAROLI (Siemens) project, "Parallel Optical Link for Multichannel Gigabit Rate Interconnections," H. Karstensen et al., 1998 ECTC, pp. 747-754.
	5. K. Katsura et al., "Packaging for a 40 Channel Parallel Optical Interconnection Module with an Over 25-Gbit/s Throughput," 1998 ECTC, p. 755-761.

EXAMINER

Juliana Kang

DATE CONSIDERED

7/12/01

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Docket Number (Optional)

EN99902

Application Number

Applicant(s)

Benson Chan et al.

Filing Date

Group Art Unit

\*EXAMINER

INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

6. In the POLO 980nm DuPont project, by K. Hahn et al., "Gigabyte/s Data Communications with the POLO Parallel Optical Link," 1996 ECTC, pp. 301-307.

7. A Hitachi package by A. Miura et al., "Reliable, Compact, CMOS Interface, 200 Mbit/s x 12-Channel Optical Interconnects Using Single-Mode Fiber Arrays," 1997 ECTC, pp. 225-230.

8. A Takai et al., "200 Mb/s/ch 100-m Optical Subsystem Interconnections Using 8-Channel 1.3-mm Laser Diode Arrays and Single-Mode Fiber Arrays," J. Lightwave Tech., vol 12, pp. 260-270, 1994.

9. N. Tanaka et al., "3.5 Gb/s x 4 ch Optical Interconnection Module for ATM Switching System," 1997 ECTC pp. 210-216.

10. T. Nagahori, "1-Gbyte/sec Array Transmitter and Receiver Modules for Low Cost Optical Fiber Interconnection," 1996 ECTC pp. 255-258.

11. Y.S. Liu et al., "Plastic VCSEL Array Packaging and High Density Polymer Waveguides for Board and Backplane Optical Interconnect," 1998 ECTC, pp. 999-1005.

12. (Lucent, Honeywell, Un. Minnesota, Un. Illinois), Y.M. Wong et al, "Optoelectronic Technology Consortium Parallel Optical Data Link: Components, System Applications, and Simulation Tools," 1996 ECTC, pp. 269-278.

13. P. Rosenberg et al., "The PONI-1 Parallel-Optical Link" 1999 Electronic Components and Technology Conference, pp 763-769

14. Michael Lebby, Craig A. Gaw, Wenbin Jiang, P.A. Kiely, Chan Long Shieh, P.R. Claisse, Jamal Ramdani, Davis W. Hartman, Daniel B. Schwartz and Jerry Grula, "Characteristics of VCSEL Arrays for Parallel Optical Interconnects". Photonics Technology Center, Tempe, Arizona, 1996 Electronic Components and Technology Conference, pp 279-291

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**EN999025**

**09/481,903**

Benson Chan et al.

**January 12, 2000**

2814

\*EXAMINER  
INITIALS

REF  
TRAD

DATE \_\_\_\_\_

NAME

**CLASS**

SUBCLASS

**FILING DATE**  
**IF APPROPRIATE**

1.

**5,768,456**

**6/16/98**

Knapp et al.

385

49

**REF**

**DOCUMENT NUMBER**

DATE \_\_\_\_\_

COUNTRY

**CLASS**

SUBCLASS

### Translation

YES	NO
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**L.J. Norton et al., "OPTOBUS I: A Production Parallel Fiber Optical Interconnect, 1997 ECTC, pp. 204-209.**

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**DATE CONSIDERED**

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